

Converting Colors

$Yxy(41.3039, 0.3200, 0.3437)$

Have a look what the booklet for
Yxy(41.3039, 0.3200, 0.3437)
contains.

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Color

Yxy(41.1894, 0.3193, 0.3429)

Conversions

Conversions Part 1

Format	Color
Hex	ABADA3
RGB	171, 173, 163
RGB Percent	67%, 68%, 64%
CMY	0.3293, 0.3216, 0.3608
CMYK	0.01, 0.00, 0.06, 0.32
HSL	72°, 6%, 66%
HSV	72°, 6%, 68%
XYZ	38.3546, 41.1894, 40.5768
YIQ	171.2620, 2.0180, -3.5340

Conversions

Conversions Part 2

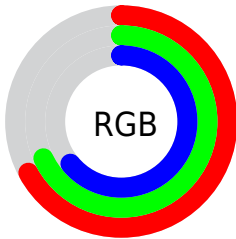
Format	Color
RYB	163, 173, 165
Decimal	11251107
CIELab	70.31, -2.53, 4.88
CIELCh	70, 5.501, 117.433
Yxy	41.1894, 0.3193, 0.3429
Android (android.graphics.Color)	4289441187 (0xFFABADA3)
YUV	171.2620, -4.0732, -0.2298
Hunter-Lab	64.1790, -5.6383, 7.4395

Details

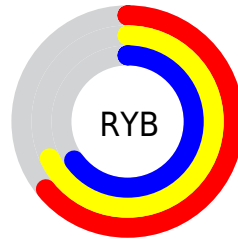
The Yxy color **41.1894, 0.3193, 0.3429** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.2042, 0.3059, 0.3149**, and the grayscale version is **40.8865, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.7175, 0.3178, 0.3397**, and **18.7444, 0.3218, 0.3484** is the 20% darker color. If you saturate the color by 10%, you get **40.2374, 0.3309, 0.3680**, and if you desaturate by 10%, it is **42.2395, 0.3080, 0.3192**.

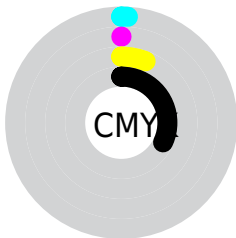
Distribution



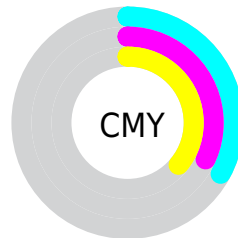
- Red (67%)
- Green (68%)
- Blue (64%)



- Red (64%)
- Yellow (68%)
- Blue (65%)



- Cyan (1%)
- Magenta (0%)
- Yellow (6%)
- Black (32%)





- Cyan (33%)
- Magenta (32%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.1894, 0.3193, 0.3429 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 41.1894, 0.3193, 0.3429 by changing the saturation by 10% instead.


 41.1894, 0.3193,
0.3429

 41.1894, 0.3193,
0.3429


351.1116, 0.3160,
0.3358

 28.4671, 0.3202,
0.3447


 76.9713, 0.3181,
0.3403

 18.6781, 0.3213,
0.3471


 100.7997, 0.3176,
0.3393

 11.4379, 0.3227,
0.3504


129.0990, 0.3172,
0.3385

 6.3622, 0.3249,
0.3551

162.2535, 0.3169,
0.3378

 3.0665, 0.3281,
0.3625

200.6476, 0.3166,
0.3372

 1.1666, 0.3338,
0.3758

244.6657, 0.3164,

 0.0341, 0.0000,

0.3366

1.0000

294.6922, 0.3162,
0.3362

0.0000, 0.0000,
0.0000

41.1894, 0.3193,
0.3429

41.1894, 0.3193,
0.3429

40.2374, 0.3309,
0.3680

42.2395, 0.3080,
0.3192

39.3748, 0.3424,
0.3939

43.3857, 0.2972,
0.2970

38.5994, 0.3536,
0.4200

44.6329, 0.2870,
0.2767

37.9075, 0.3638,
0.4455

45.9841, 0.2775,
0.2581

37.2945, 0.3726,
0.4693

47.4421, 0.2687,
0.2412

■ 36.7557, 0.3795,
0.4903

■ 48.2266, 0.2677,
0.2366

■ 36.2858, 0.3841,
0.5077

■ 48.6717, 0.2701,
0.2372

■ 35.8785, 0.3861,
0.5207

■ 49.1270, 0.2726,
0.2378

■ 35.5258, 0.3858,
0.5293

■ 49.5926, 0.2751,
0.2385

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



41.1894, 0.3256, 0.3419



41.1894, 0.3193, 0.3429



41.1894, 0.3113, 0.3401

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



41.1894, 0.3193, 0.3429



41.1894, 0.2973, 0.3203



41.1894, 0.3217, 0.3239

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



41.1894, 0.3193, 0.3429



37.2042, 0.3059, 0.3149

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



41.1894, 0.3140, 0.3183



41.1894, 0.3193, 0.3429



41.1894, 0.2999, 0.3162

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



41.1894, 0.3193, 0.3429



41.1894, 0.2986, 0.3269



41.1894, 0.3060, 0.3155



41.1894, 0.3270, 0.3308

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



41.1894, 0.3193, 0.3429



41.1894, 0.3061, 0.3364



41.1894, 0.3060, 0.3155



41.1894, 0.3193, 0.3218

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



41.1912, 0.3193, 0.3429



74.4602, 0.3150, 0.3338



38.3764, 0.3220, 0.3316



16.1864, 0.3149, 0.3336



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.1912, 0.3193, 0.3429



73.5382, 0.3208, 0.3462



40.6536, 0.3149, 0.3431



9.2910, 0.3212, 0.3470



26.0221, 0.3857, 0.5320



0.7439, 0.3965, 0.5234

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



37.2042, 0.3059, 0.3149



64.8158, 0.3042, 0.3114



37.7368, 0.3104, 0.3151



8.1407, 0.3038, 0.3106



2.4842, 0.1605, 0.0658



0.0906, 0.1886, 0.0813

Previews

White Background



This preview shows how the Yxy color 41.1894, 0.3193, 0.3429 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 41.1894, 0.3193, 0.3429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

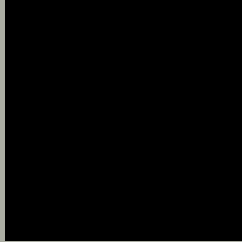
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

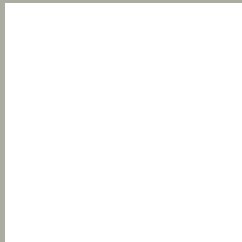
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.1894, 0.3193, 0.3429

Background



This preview shows how black text looks on a background with the Yxy color 41.1894, 0.3193, 0.3429.



This preview shows how white text looks on a background with the Yxy color 41.1894, 0.3193, 0.3429.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

41.1894, 0.3193, 0.3429

Protanopia

41.0816, 0.3259, 0.3414

Deuteranopia

41.0291, 0.3381, 0.3317



Tritanopia

41.1670, 0.3055, 0.3115

Trichromacy



Original Color

41.1894, 0.3193, 0.3429

Protanomaly

41.2276, 0.3239, 0.3428

Deuteranomaly

41.2466, 0.3310, 0.3358

Tritanomaly

41.1446, 0.3103, 0.3222

Monochromacy



Original Color

41.1894, 0.3193, 0.3429

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.9901, 0.3152, 0.3345

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1894, 0.3193, 0.3429 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(171, 173, 163)` looks like.

```
.text, #text, p{  
    color:rgb(171, 173, 163)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(171, 173, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 173, 163) }
```

Border

The CSS property to change the border of an element to Yxy 41.1894, 0.3193, 0.3429 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(171, 173, 163) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(171, 173, 163) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(171, 173, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 173, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 173, 163);  
box-shadow:4px 4px 4px 4px rgb(171, 173,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1894, 0.3193, 0.3429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 173, 163) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(171,  
173, 163) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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